

**DESCRIPTIVE ABSTRACT**

The present invention relates to a device with a hydrophobic and/or lipophobic surface comprising a carpet of nanofibers (20), wherein these nanofibers  
5 (20) are totally clad with a hydrophobic and/or lipophobic continuous film, and wherein the surface (22) between these nanofibers is covered with a layer of this same polymer.

The invention also relates to a method for  
10 making such a device.

FIG. 2